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U.S. PTO



National  
Aeronautics and  
Space  
Administration

1-31-02

A

Patent Application  
NPO-20740-1-CU  
(NASA Case No.)

1017 U.S. PTO  
10/06/07  
01/29/02

### Letter Transmittal Patent Application

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

THE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, DC 20231

Sir:

Transmitted herewith for filing is the Patent Application of:

Applicant: Serge Dubovitsky  
Inventor(s): Serge Dubovitsky

Entitled: HETERODYNE INTERFEROMETER WITH A PHASE MODULATED SOURCE

Enclosed are:

- ☒ Specification and claims ☒ 2 sheets of drawing
- ☒ Declaration ☒ Power of Attorney
- ☒ Assignment of the invention to the National Aeronautics and Space Administration
- ☐ License of the invention to the National Aeronautics and Space Administration
- ☐ Application Data Sheet
- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement
- ☒ Nonpublication Request and Certification (PTO/SB/35 or equivalent)
- ☐ International application under the PCT (see PCT/RO/101, XII checklist)

The fee has been calculated as shown below.

FOR (1)	CLAIMS FILED NUMBER		RATE (4)	FEE (5)
	PAID FOR (2)	EXTRA (3)		
TOTAL CLAIMS 5	20	0	x 18	0
INDEPENDENT CLAIMS 1	3	0	x 84	0
BASIC FEE (Minimum amount required)				\$ 740.00
TOTAL FILING FEE				\$ 740.00

Please charge our Deposit Account No. 14-0116 in the amount shown as the total filing fee. The Commissioner is hereby authorized to charge an additional fee which may be required to effect the filing of this application under 37 CFR 1.16, or credit any overpayment to Deposit Account No. 14-0116.

January 29, 2002  
(Date)

John H. Kusmick  
(Attorney of Record) (Reg. No.)

NOTE: This form is to be used when filing a new or original application.

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CERTIFICATE OF MAILING BY "EXPRESS MAIL"  
UNDER 37 CFR 1.10 - SEPARATE PAPER -

DOCKET NO.  
NPO-20740 -1-CU

In Re Application of:

Serial Number \_\_\_\_\_ Filed \_\_\_\_\_

For: HETERODYNE INTERFEROMETER WITH A PHASE  
MODULATED SOURCE

Group Art Unit \_\_\_\_\_ Examiner \_\_\_\_\_

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C., 20231.

I hereby certify that the following were placed in the envelope by me and are enclosed herewith for filing of the Patent Application:

- ☒ Transmittal Letter (Original & 1 copy)
- ☒ Information Disclosure Statement ( 1 pages)  
with PTO Form 1449 ( 2 pages) and 12 Patents  
and Articles (if applicable)
- ☒ Specification (10 pages including 5 pages of Claims),  
Abstract (1 page), and Drawings ( 2 Sheets, Figures 2 )
- ☒ Declaration and Power of Attorney (Original)
- ☒ Assignment by Inventor to Caltech (Original) and  
Transmittal Letter (Original)
- ☒ Assignment by Caltech to NASA (Original) and  
Transmittal Letter (Original)
- ☒ Return Postcard (1)
- ☒ REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(1)

"Express Mail" mailing label number: EK437904711US

Date of Deposit: January 29, 2002

John H. Kusmiss  
John H. Kusmiss, 32,149  
818-354-7770

<b>REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor	Serge Dubovitsky
	Title	HETERODYNE INTERFEROMETER WITH A PHASE MODULATED SOURCE
	Atty Docket Number	NPO-20740-1-CU

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

January 29, 2002  
Date

John H. Kusmiss  
Signature

John H. Kusmiss 32149  
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 5 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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